

Converting Colors

XYZ(11.3998, 14.5045, 23.6715)

Have a look what the booklet for XYZ(11.3998, 14.5045, 23.6715) contains.

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Color

**XYZ(11.3998, 14.5045,
23.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7383
RGB	47, 115, 131
RGB Percent	18%, 45%, 51%
CMY	0.8157, 0.5490, 0.4863
CMYK	0.64, 0.12, 0.00, 0.49
HSL	191°, 47%, 35%
HSV	191°, 64%, 51%
XYZ	11.3998, 14.5045, 23.6715
YIQ	96.4920, -45.6640, -9.4400

Conversions

Conversions Part 2

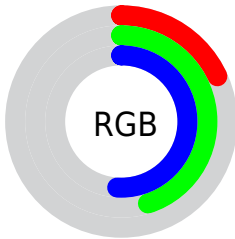
Format	Color
RYB	47, 85, 131
Decimal	3109763
CIELab	44.95, -16.13, -15.18
CIELCh	45, 22.146, 223.260
Yxy	14.5045, 0.2299, 0.2926
Android (android.graphics.Color)	4281299843 (0xFF2F7383)
YUV	96.4920, 17.0124, -43.4045
Hunter-Lab	38.0848, -13.2185, -10.1922

Details

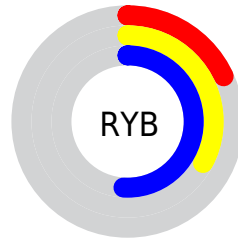
The XYZ color **11.3998, 14.5045, 23.6715** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.6512, 8.5862, 3.7332**, and the grayscale version is **11.2063, 11.7899, 12.8392**.

A 20% lighter version of the original color is **28.0640, 33.9817, 50.4274**, and **3.5301, 4.6235, 8.6890** is the 20% darker color. If you saturate the color by 10%, you get **10.6036, 13.6776, 23.5541**, and if you desaturate by 10%, it is **12.3860, 15.4414, 23.8006**.

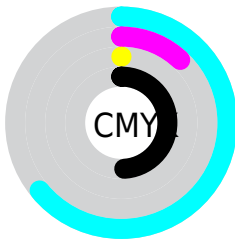
Distribution



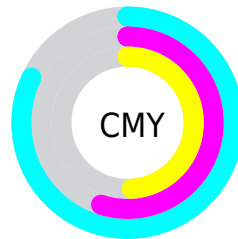
- Red (18%)
- Green (45%)
- Blue (51%)



- Red (18%)
- Yellow (33%)
- Blue (51%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (82%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3998, 14.5045, 23.6715 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.3998, 14.5045, 23.6715 by changing the saturation by 10% instead.

■ 11.3998, 14.5045,
23.6715

■ 11.3998, 14.5045,
23.6715

■ 194.2424,
220.3472, 284.3883

■ 6.4057, 8.4724,
14.8802

■ 28.0236, 33.9815,
50.4307

■ 3.1363, 4.3987,
8.5896

■ 40.3840, 48.1953,
69.2356

■ 1.2262, 1.8990,
4.3814

■ 55.9305, 65.9050,
92.2156

■ 0.1269, 0.5478,
1.8368

■ 75.0285, 87.4951,
119.7890

■ 0.0000, 0.0000,
0.4521

■ 98.0433, 113.3499,
152.3744

■ 0.0000, 0.0000,
0.0000

■ 125.3403,

143.8540, 190.3904

157.2849,
179.3916, 234.2555

■ 11.3998, 14.5045,
23.6715

■ 11.3998, 14.5045,
23.6715

■ 10.6036, 13.6776,
23.5541

■ 12.3860, 15.4414,
23.8006

■ 9.9791, 12.9503,
23.4467

■ 13.5756, 16.4943,
23.9412

■ 9.5049, 12.3117,
23.3484

■ 14.9823, 17.6708,
24.0941

■ 9.2558, 11.9567,
23.2930

■ 16.6183, 18.9771,
24.2600

■ 18.4947, 20.4192,
24.4395

■ 20.6221, 22.0026,
24.6330

■ 23.0102, 23.7323,
24.8410

■ 25.6684, 25.6132,
25.0639

■ 28.6054, 27.6501,
25.3023

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.6635, 14.5045, 18.1957



11.3998, 14.5045, 23.6715



12.8061, 14.5045, 27.4141

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.3998, 14.5045, 23.6715



17.4015, 14.5045, 18.8469



13.0018, 14.5045, 7.9316

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.3998, 14.5045, 23.6715



11.6512, 8.5862, 3.7332

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.8148, 14.5045, 8.0311



11.3998, 14.5045, 23.6715



17.4656, 14.5045, 13.6116

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.3998, 14.5045, 23.6715



16.3161, 14.5045, 24.2374



16.4841, 14.5045, 9.8909



11.5322, 14.5045, 9.5804

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.3998, 14.5045, 23.6715



13.9853, 14.5045, 28.0061



16.4841, 14.5045, 9.8909



13.5888, 14.5045, 7.7746

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.4003, 14.5050, 23.6718



31.2771, 35.1613, 43.5915



10.1696, 17.1895, 7.3978



7.0921, 8.0395, 10.1307



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.4003, 14.5050, 23.6718



18.4312, 23.8654, 42.0882



7.6918, 7.0881, 22.4357



4.7283, 5.1322, 5.9422



9.1126, 11.7731, 22.9288



0.0364, 0.0504, 0.0810

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.4715, 8.0967, 17.0729



22.6693, 12.1805, 28.2657



14.8643, 15.0124, 4.8042



4.8209, 4.7480, 5.6690



11.7777, 5.7754, 13.9338



0.0432, 0.0210, 0.0610

Previews

White Background



This preview shows how the XYZ color 11.3998, 14.5045, 23.6715 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 11.3998, 14.5045, 23.6715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

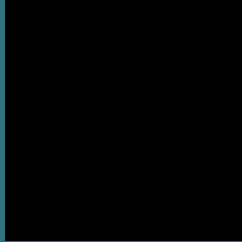
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3998, 14.5045, 23.6715

Background



This preview shows how black text looks on a background with the XYZ color 11.3998, 14.5045, 23.6715.

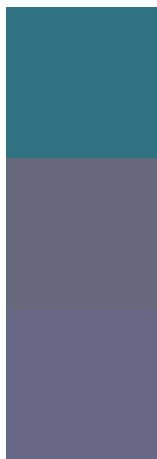


This preview shows how white text looks on a background with the XYZ color 11.3998, 14.5045,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.3998, 14.5045, 23.6715

Protanopia

14.1692, 14.3832, 21.0982

Deuteranopia

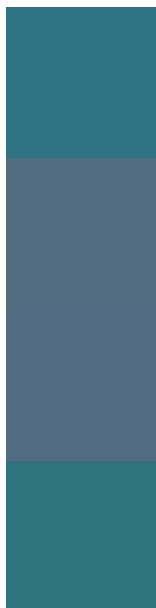
14.6634, 14.4189, 24.2006



Tritanopia

10.9858, 14.5069, 21.6231

Trichromacy



Original Color

11.3998, 14.5045, 23.6715

Protanomaly

12.7791, 14.2634, 22.1583

Deuteranomaly

13.0071, 14.1849, 23.8822

Tritanomaly

11.1583, 14.5810, 22.3050

Monochromacy



Original Color

11.3998, 14.5045, 23.6715

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.7525, 12.4243, 16.2994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3998, 14.5045, 23.6715 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(47, 115, 131)` looks like.

```
.text, #text, p{  
    color:rgb(47, 115, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(47, 115, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 115, 131) }
```

Border

The CSS property to change the border of an element to XYZ 11.3998, 14.5045, 23.6715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

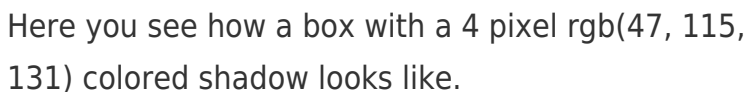
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 115, 131) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(47, 115, 131) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(47, 115, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 115, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 115, 131);  
box-shadow:4px 4px 4px 4px rgb(47, 115,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3998, 14.5045, 23.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 115, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(47, 115,  
131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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